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Serial No. 07/136,920 filed December 21, 1987 and now abandoned; and  
which is a continuation-in-part application of U.S. Serial No. 06/922,155  
filed October 23, 1986 and now abandoned. The disclosures of Serial No.  
07,136,920 and 06/922,155 are incorporated herein by reference. --

IN THE CLAIMS:

Please amend claims 43-45 as follows:

*19* **43.** (Amended) A method for detecting a target polynucleotide contained in a sample comprising the steps of:

- (a) contacting the sample with a first support which binds to the target polynucleotide;
- (b) substantially separating the first support and bound target polynucleotide from the sample;
- (c) amplifying the sample with a DNA polymerase;
- (d) contacting the amplified target polynucleotide with a second support which binds to the amplified target polynucleotide and also with a labeled probe which binds to the amplified target polynucleotide; and
- (e) detecting the presence of the amplified target polynucleotide.

*20* **44.** (Amended) A kit for detecting a target polynucleotide contained in a sample comprising:

- (a) means for substantially separating the target polynucleotide from the sample;
- (b) means for amplifying the target polynucleotide;
- (c) means for binding the amplified target polynucleotide to a solid [medium] support; and
- (d) means for labeling the amplified target polynucleotide.